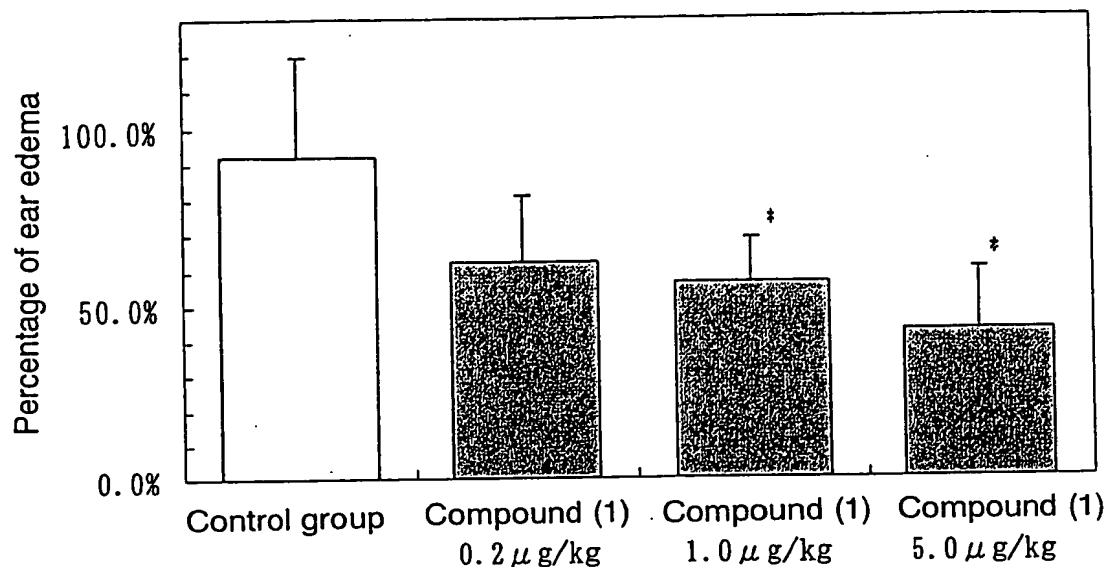
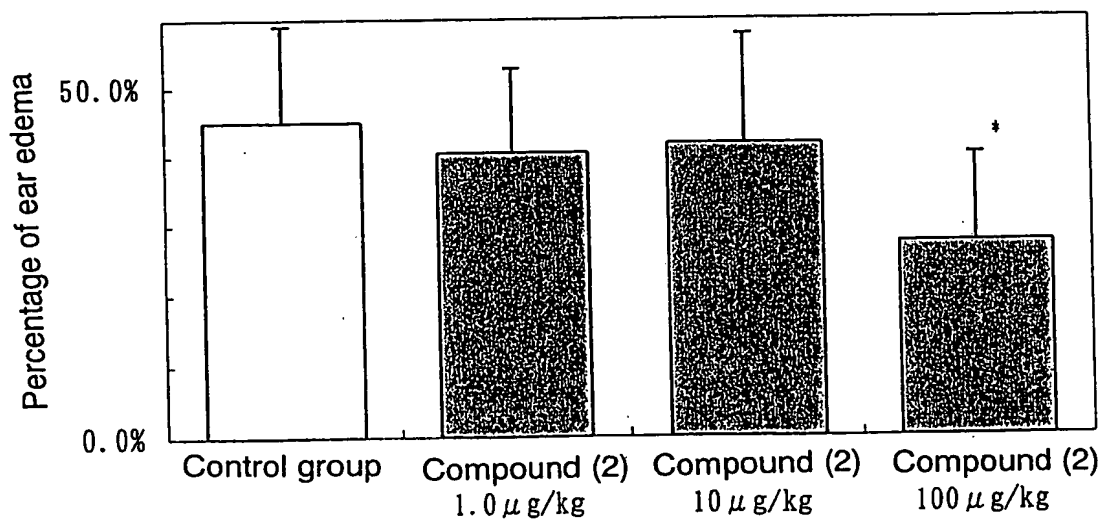


Fig. 1



(*: $p < 0.05$ vs. control group)

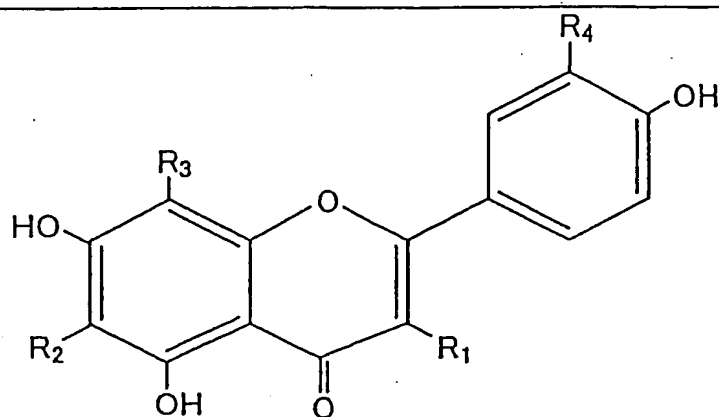
Fig. 2



(*: $p < 0.05$ vs. control group)

Fig. 3

Structures of flavonoids



	R ₁	R ₂	R ₃	R ₄
Apigenin	H	H	H	H
Vitexin	H	H	Glu	H
Isovitexin	H	Glu	H	H
Rhamnosyl vitexin	H	H	Glu-Rham	H
Violanthin	H	Glu	Rham	H
Quercetin	OH	H	H	OH
Rutin	O-Glu-Rham	H	H	OH